Abstract of the Disclosure:

Data bits - in each case one bit multiplet with a predetermined number of bits per channel - are transmitted in accordance with a particular time sequence in time-division

5   multiplex frames. According to a predetermined allocation of the channels to groups including in each case a predetermined subset of the channels, the multiplets of in each case one group are transmitted time-interleaved with respect to one another in the time-division multiplex frames. The various

10 groups, however, are in each case transmitted successively in the frames.

MB/tk